

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE ☒ WATER SANDS LOCATION INSPECTED OIL SUB. REPORT/abd.

DATE FILED 7-16-81

LAND: FEE & PATENTED

STATE LEASE NO.

PUBLIC LEASE NO.

U-15390

INDIAN

DRILLING APPROVED: ~~7-16-81~~ 7-17-81

SPUDDED IN:

COMPLETED:

PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: 2.3.84 LA application rescinded

FIELD: Wildcat 3/86

UNIT:

COUNTY: Grand

WELL NO. Federal 27-1

API# 30830

43-019-30830

LOCATION 2080' FT. FROM (N) ☒ LINE,

1995'

FT. FROM (E) ☒ LINE.

SW NE

1/4 - 1/4 SEC.

27

TWP.

RGE.

SEC.

OPERATOR

TWP.

RGE.

SEC.

OPERATOR

23S

17E

27

S.W. ENERGY CORP.



POWERS ELEVATION

OIL WELL ELEVATIONS AND LOCATIONS
CHERRY CREEK PLAZA, SUITE 1201
800 SOUTH CHERRY STREET
DENVER, COLORADO 80222
PHONE NO. 303/321-2217

June 25, 1981

State of Utah
Division of Oil, Gas, and Minerals
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED
JUN 20 1981
DIVISION OF
OIL, GAS & MINING

RE: Filing Application for Permit to Drill
S.W. Energy Corporation
#27-1 Federal
SW NE Sec. 27 T23S R17E
2080' FNL & 1995' FEL
Grand County, Utah

Gentlemen:

Enclosed are three copies each of the Federal A.P.D. Form 9-331C, the Location and Elevation Plat, the Ten-Point Compliance Program, and the Blowout Preventer Diagram for the above-referenced well location.

Please return the approved copies to:

Richard Smoot
S.W. Energy Corporation
847 E. 4th South
Salt Lake City, Utah

Very truly yours,

POWERS ELEVATION

Connie L. Frailey

Connie L. Frailey
Manager, Environmental Department

CLF/mm
Enclosures

cc: Richard Smoot

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

S.W. Energy Corporation

3. ADDRESS OF OPERATOR

847 E. 4th South, Salt Lake City, Utah 84102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface
2080' FNL & 1995' FEL (SW NE)

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

20.9 miles southwest of Crescent Junction, Utah.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)

1995'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

520

19. PROPOSED DEPTH

8800'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4200' GR

22. APPROX. DATE WORK WILL START*

July 7, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-3/4"	9-5/8" new	36# K-55 8Rd.	450'	circulate to surface
8-3/4"	5-1/2" new	17 & 20# N-80 8 Rd.	8800'	1000 sacks plus 600 sacks

1. Drill 12-3/4" hole and set 9-5/8" surface casing to 450' with good returns.
2. Log B.O.P. checks in daily drill reports and drill 8-3/4" hole to 8800'.
3. Run tests if warranted and run 5-1/2" casing if productive.
4. Run logs as needed, and perforate and stimulate as needed.

EXHIBITS ATTACHED:

- "A" Location and Elevation Plat
- "B" The Ten-Point Compliance Program
- "C" The Blowout Preventer Diagram
- "D" The Multi-Point Requirements for A.P.D.
- "E" & "E₁" Access Road Maps to Location
- "F" Radius Map of Field
- "G" & "G₁" Drill Pad Layout, Production Facilities & Cut-Fill Cross-Section
- "H" Drill Rig Layout

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 7/16/81

BY:

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Richard P. Smoot

TITLE President

DATE June 25, 1981

(This space for Federal or State office use)

PERMIT NO.

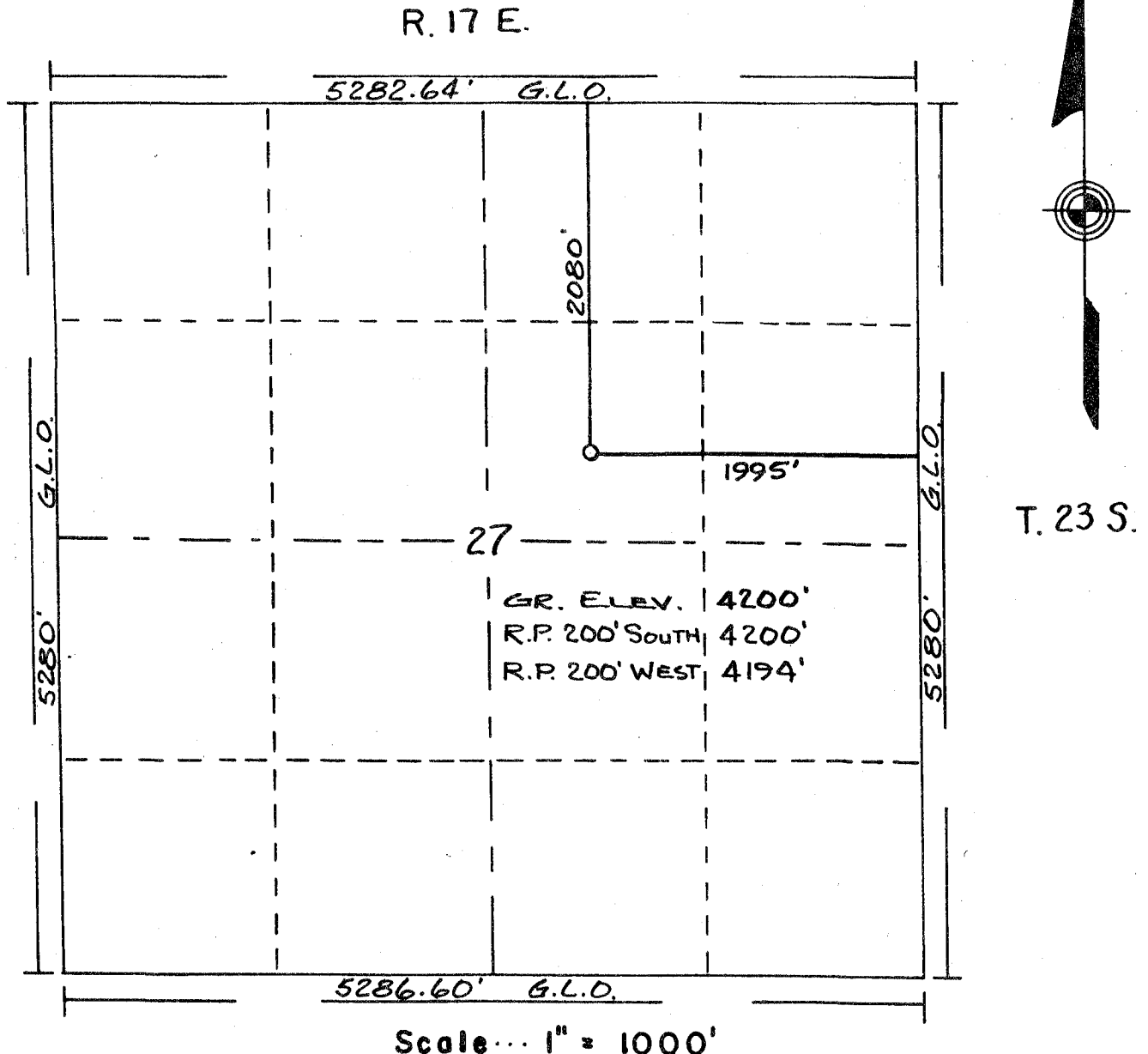
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



Powers Elevation of Denver, Colorado
has in accordance with a request from **RICHARD P. SMOOT**
for S.W. Energy Corporation
determined the location of #27-1 Federal
to be 2080' FNL & 1995' FEL Section 27 Township 23 South
Range 17 EAST of the SALT LAKE Meridian
GRAND County, UTAH

I hereby certify that this plat is an
accurate representation of a correct
survey showing the location of
27-1

Date: JUNE 23, 1981

Edward A. Lewis

Licensed Land Surveyor No. 5443
State of UTAH

EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM

OF NTL-6 APPROVAL OF OPERATIONS

Attached to Form 9-331C
S.W. Energy Corporation
#27-1 Federal
SW NE Sec. 27 T23S R17E
2080' FNL & 1995' FEL
Grand County, Utah

1. The Geological Surface Formation

The surface formation is the Entrada.

2. Estimated Tops of Important Geologic Markers

Carmel	500'
Navajo	600'
Kayenta	910'
Wingate	1030'
Chinle	1568'
Moenkopi	1950'
Coconino	2550'
Lower Permian	3100'
Upper Hermosa	4050'
Top of Salt	5200'
Base of Salt	8200'
Top of Mississippian	8400'
Base of Mississippian	8800'
Total Depth	8800'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

Oil 8500' - 8800'

4. The Proposed Casing Program

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>SECTION LENGTH</u>	<u>SIZE (OD)</u>	<u>WEIGHT, GRADE & JOINT</u>	<u>NEW OR USED</u>
12 3/4"	0 - 450'	450'	9 5/8"	36# K-55 8rd.	New
8 3/4"	0 - 8800'	8800'	5 1/2"	17 & 20# N-80 8rd.	New

Cement Program:

Surface - Cement will be circulated to surface.

Production - Lead with 1000 sacks and tail in 600 sacks plus additives.

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a schematic diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to the half of working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked each 24-hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include an upper kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. The Type and Characteristics of the Proposed Circulating Muds

Mud system will be gel-chemical with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

<u>DEPTH</u>	<u>TYPE</u>	<u>WEIGHT #/gal.</u>	<u>VISCOSITY-sec./qt.</u>
0 - 5000'	Bentonite Ligna-Sulfonate	40	9 - 2
5000' - TD	Polamer Saturated Brine	35	10 - 4

7. The Auxiliary Equipment to be Used

- (a) An upper kelly cock will be kept in the string.
- (b) A float will be used at the bit.
- (c) A mud logging unit (below 5000') and gas detecting device will be monitoring the system. Other monitoring will include a pit fill indicator.
- (d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.

8. The Testing, Logging and Coring Programs to be Followed

- (a) No drill stem tests are anticipated.
- (b) The logging program will consist of the following:
Dual Laterolog, Compensated Formation Neutron and Density, Compensated Sonic Log, Open Hole Fracture Detection Log, Gamma Ray-Caliper from TD to surface.

- (c) No coring is anticipated.
- (d) Stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate Sundry Notice will be submitted for approval.

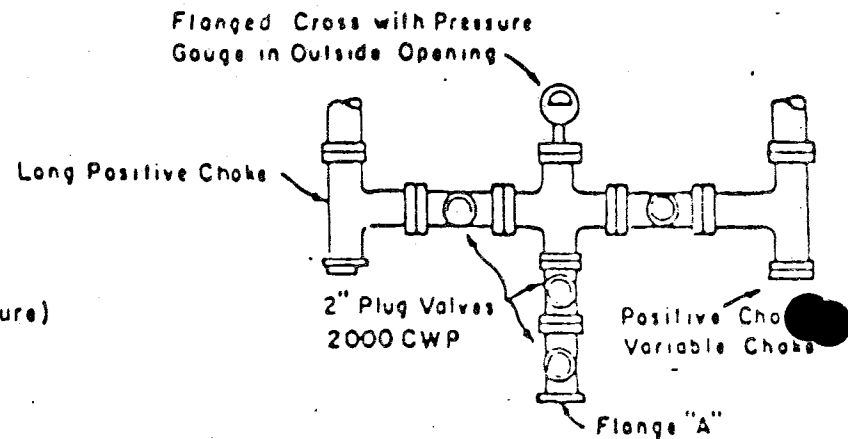
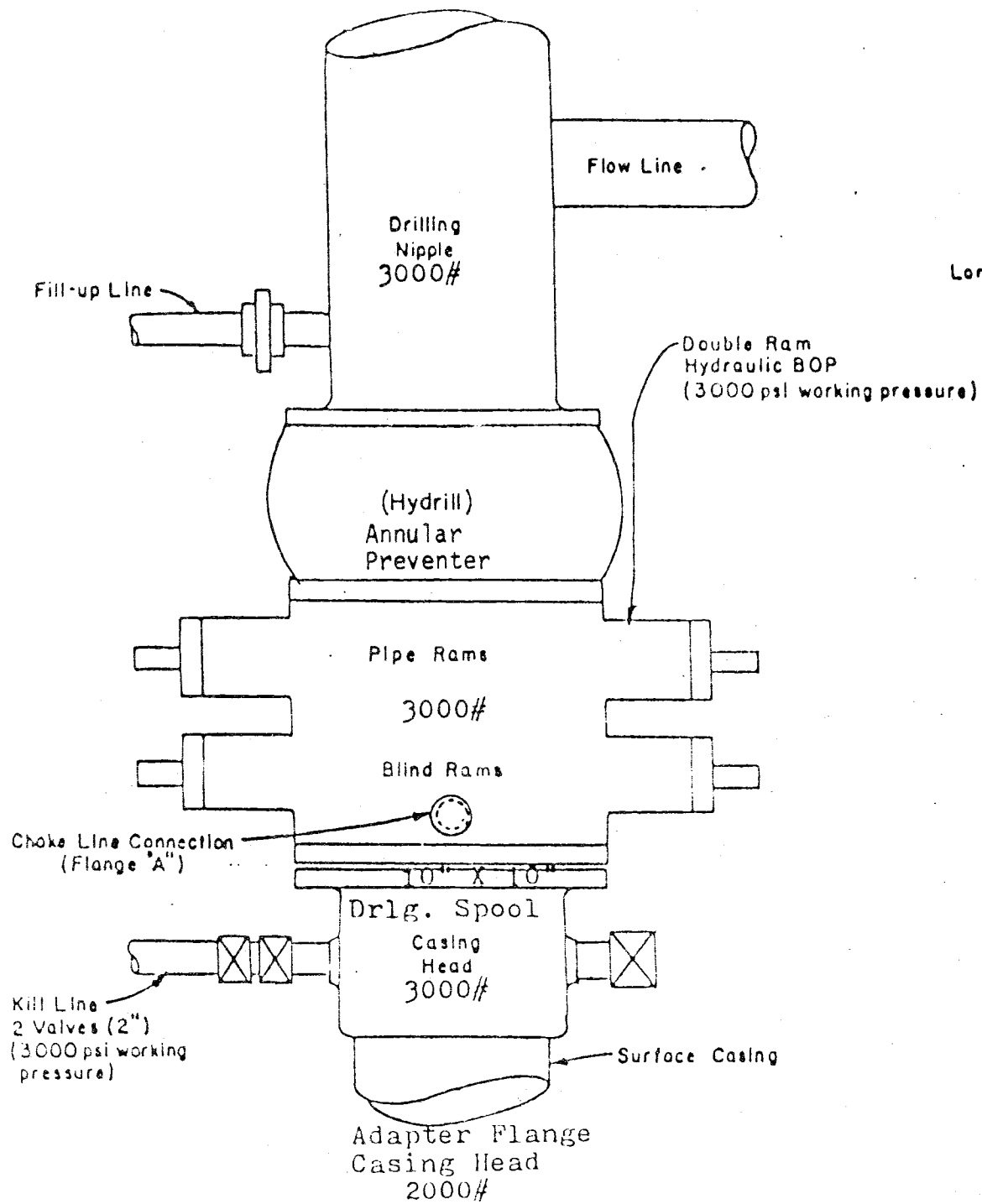
9. Any Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well. Bottom hole pressure expected is 4000#.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for July 7, 1981, or as soon as possible after examination and approval of drilling requirements. Operations should be completed within 30 days after spudding the well to casing point.



PLAN VIEW-CHOKE MANIFOLD

1 1/2" BOP
 BLOWOUT PREVENTER
 DIAGRAM

**** FILE NOTATIONS ****

DATE: July 8, 1981
OPERATOR: S.W. Energy Corp.
WELL NO: Federal #27-9
Location: Sec. 27 T. 23S R. 17E County: Grand.

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-019-30830

CHECKED BY:

Petroleum Engineer: _____

Director: OK [Signature]

Administrative Aide: OK as per Rule C-3, OK on boundaries, OK on any other oil or gas well.

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Fed.

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☐

P.I. ☐

July 17, 1981

S.W. Energy Corporation
847 E. 4th South
Salt LAke City, Utah 84102

RE: Well No. Federal #27-1
Sec. 27, T. 23E, R. 17E,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30880.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Cleon B. Feight
Director

CBF/db
CC: USGS



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

May 5, 1982

S. W. Energy Corporation
847 East 4th South
Salt Lake City, Utah 84102

Re: Well No. Federal Gorman #2
Sec. 15, T. 23S, R. 17E.
Grand County, Utah

Well No. Federal #27-1
Sec. 27, T. 23E, R. 17E.
Grand County, Utah

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Cari Furse
Clerk Typist

D

S.W. ENERGY CORPORATION

847 EAST FOURTH SOUTH

SALT LAKE CITY, UTAH 84102

TELEPHONE (801) 532-6664

7 May 1982

RECEIVED
MAY 17 1982

DIVISION OF
OIL, GAS & MINING

State of Utah
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

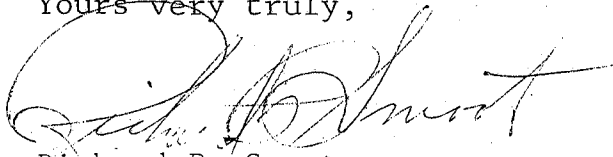
Gentlemen:

Re: Well No. Government #18-2, Sec. 18, T23S, R17E,
and Well No. Smoot Federal #27-2, Sec. 27, T23S, R17E, both
in Grand County, Utah. Would you please keep these wells
in confidential status until notified.

Re: Well No. Federal Gorman #2, Sec. 15, T23S, R17E,
Grand County, Utah. Please place in inactive status until
notified. *Leave in drilling.*

Re: Well No. Federal #27-1, Sec. 27, T23E, R17S,
Grand County, Utah. ~~Please remove this well from current~~
~~status.~~ Summer of 1983 would be the nearest projected time.

Yours very truly,



Richard P. Smoot.

RPS/ED



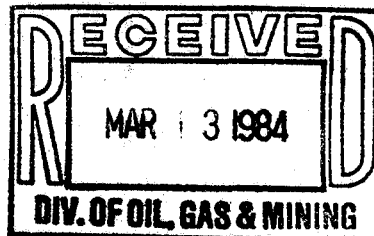
STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

January 3, 1984

S.W. Energy Corporation
847 East Fourth South
Salt Lake City, Utah 84102



RE: Well No. Federal #27-1
API #43-019-30830
2080' FNL, 1995' FEL SW/NE
Sec. 27, T. 23S, R. 17E.
Grand County, Utah

Gentlemen:

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded effective one calendar month from the date of this notice.

A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

Respectfully,

Norman C. Stout
Administrative Assistant

NCS/cj